

## 5: Volumes

```
Command Prompt - pwsh.exe
PS C:\Users\Divine Seroy\ Docker> docker run --rm -d --name apache -p 80:80 httpd:2.4
Unable to find image 'httpd:2.4' locally
2.4: Pulling from library/httpd
59692152171a: Pull complete
7284b4e8cc7b: Pull complete
3678b2d55ccd: Pull complete
aeb67982a725: Pull complete
06954f8169fd: Pull complete
Digest: sha256:48bae0ac5d0d75168f1c1282c0eb21b43302cb1b5c5dc9fa3b4a758ccfb36fe9
Status: Downloaded newer image for httpd:2.4
edfc63bb4eab800967cab98c834a701e7efd85b08d1e743b66b5317fb4869978
PS C:\Users\Divine Seroy\ Docker> curl localhost
<html><body><h1>It works!</h1></body></html>
PS C:\Users\Divine Seroy\ Docker> docker cp index.html apache:/usr/local/apache2/htdocs/
PS C:\Users\Divine Seroy\ Docker> curl localhost
<html><body><h1>It works in Docker!</h1></body></html>
PS C:\Users\Divine Seroy\ Docker> docker stop apache
apache
PS C:\Users\Divine Seroy\ Docker> docker run --rm -d --name apache -p 80:80 httpd:2.4
33699c7914aa51f2b9e0691b19c88391ffff58f35974deb670d08aa1b5f4bf5
PS C:\Users\Divine Seroy\ Docker> curl localhost
<html><body><h1>It works!</h1></body></html>
PS C:\Users\Divine Seroy\ Docker> docker volume ls
DRIVER      VOLUME NAME
local       a82180aff90b8833d730582a41282d1767e0ca96555be96e7715b26570e438e6
PS C:\Users\Divine Seroy\ Docker> docker volume create myvolume

Usage:  docker volume COMMAND

Manage volumes

Commands:
 create      Create a volume
 inspect     Display detailed information on one or more volumes
 ls          List volumes
 prune       Remove all unused local volumes
 rm          Remove one or more volumes

Run 'docker volume COMMAND --help' for more information on a command.
PS C:\Users\Divine Seroy\ Docker> docker volume ls
DRIVER      VOLUME NAME
local       a82180aff90b8833d730582a41282d1767e0ca96555be96e7715b26570e438e6

Command Prompt - pwsh.exe
aa4d74a2559e  ubuntu:16.04      "/bin/echo 'Hello wo..."  3 hours ago  Exited (0) 3 hours ago  peaceful_satoshi
d5a196d74ae8  docker101tutorial "/docker-entrypoint..."  31 hours ago  Exited (255) 6 hours ago  0.0.0.0:80->80/tcp, :::80->80/tcp  docker-tutorial
4753b9d4a272  alpine/git         "git clone https://g..."  31 hours ago  Exited (0) 31 hours ago  repo
PS C:\Users\Divine Seroy\ Docker> docker volume ls
DRIVER      VOLUME NAME
local       a82180aff90b8833d730582a41282d1767e0ca96555be96e7715b26570e438e6
local       httpd_htdocs
PS C:\Users\Divine Seroy\ Docker> docker run --rm -d --name apache -p 80:80 -v httpd_htdocs:/usr/local/apache2/htdocs/ httpd:2.4
c5aab58ca1d4a3c3a93a2ef3979d6db65cbf8382bbdf640d77b336775943b86
PS C:\Users\Divine Seroy\ Docker> docker cp index.html apache:/usr/local/apache2/htdocs/
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PS C:\Users\Divine Seroy\ Docker> docker run --rm -d --name apache -p 80:80 -v httpd_htdocs:/usr/local/apache2/htdocs/ httpd:2.4
95470b042208c0697b4c37248da7657816417399ee92a9c1754ba1a49faa5f7c7
PS C:\Users\Divine Seroy\ Docker> curl localhost
<html><body><h1>It works in Docker!</h1></body></html>
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